

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID WASTE MANAGEMENT
CN 414, Trenton, NJ. 08625

Michael F. DeBonis
Acting Director

MASTER PERFORMANCE PERMIT

This master performance permit is issued pursuant to N.J.A.C. 7:26-1.10 and constitutes an exercise of the New Jersey Department of Environmental Protection permitting authority under all of its enabling statutes. This master performance permit is issued to:

AUTOMATED MODULAR SYSTEMS, INC. (hereinafter "Permittee")

FACILITY TYPE:	Transfer Station
LOT NO.(S):	52, 53
BLOCK NO.:	58C
MUNICIPALITY:	City of Linden
COUNTY:	Union
FACILITY NUMBER:	2009I

This permit is subject to compliance with all conditions specified herein. Subject to the provisions of Permit Condition No. 31, this permit is valid until January 1, 1991 or until the Union County resource recovery facility becomes operational, whichever occurs first.

This permit shall not prejudice any claim the State may have to riparian land, nor does it authorize the Permittee to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, in a 100 year flood plain or within the Coastal Area Facility Review Act (CAFRA) Zone and the New Jersey Pinelands Act of 1979.

This permit is non-transferable.

This permit shall be void unless accepted in its entirety by the Permittee in writing within two days of issuance.

Michael F. DeBonis
Acting Director, DSWM

George McCann
Director, DWR

Jorge H. Berkowitz, Ph.D.
Director, DEQ

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FINDINGS

1. The location of this transfer station facility is part of the approved Union County District Solid Waste Management Plan. Block 580i Lot 521 was added to the plan via a plan amendment that was adopted on October 13, 1983 and certified by the Department on March 23, 1984. Block 580, Lot 53 was added to the plan via a plan amendment that was proposed on May 19, 1987 ; and certified by the Department on July 21, 1987.
2. Pursuant to an order issued by the Authority vested in the Commissioner of the New Jersey Department of Environmental Protection (N.J.S.A. 13:1E-1 et seq and N.J.S.A. 13:1D-1 et seq.) and the Authority vested in the Commissioner and President of the New Jersey Board of Public Utilities (N.J.S.A. 48:13A-1), Union County is required to cease disposal in the Edgeboro Landfill in Middlesex County by January 1, 1988. Development of other landfill space within Union County is not feasible within the timeframe available. Under a court approved administrative consent order with the Department, the Union County resource recovery facility is to be operational in three (3) years, by December 1990.
3. In order to meet Union County disposal needs prior to operation of the Union County resource recovery facility, FJDEP amended the Union County District Solid Waste Management Plan to site transfer station facilities and to direct all waste types specified in the plan amendment and generated within Union County to these facilities. The construction of transfer station facilities and the ordering of equipment must be undertaken immediately to meet the January 1, 1988 deadline. Failure to authorize immediate development will result in the inability to dispose of ' in excess of 1,200 tons per day of solid waste. The accumulation of these wastes will in time endanger the public health and safety, due to the development of serious odor and vector problems and the prospect of disease being spread by such vectors.
4. Based on the Permittee's proposal which demonstrated an adequate understanding of the technical, financial and operational needs of the transfer station project and evidenced by the Permittee's ability to obtaining financing and make contractual arrangements for licensed disposal capacity, the Permittee is likely to exhibit reliability, expertise and competence in operating the transfer station facility. This finding is preliminary and made subject to the provisions of Permit Condition No. 31.
5. A master performance permit (MPP) was issued to Automated Modular Systems Inc. on August 25, 1987 and accepted by the Permittee on the following day. That MPP was for a larger, permanent facility to be built on Lot 53. However, this larger permanent facility cannot be constructed and operational by January 1, 1988. Therefore, this MPP is issued to allow the construction and operation of an interim facility on Lot 52 that will be capable of processing the waste on January 1, 1988, prior to the permanent facility becoming operational.

6. Under the conditions specified in this permit, the facility will be operated consistent with the public health and safety and the environment.

PERMIT CONDITIONS

Permitted Waste Types

The following waste materials may be accepted at this facility:

ID	WASTE TYPE
10	Municipal Waste (household, commercial and institutional)
13	Bulky waste
23	Vegetative waste
25	Animal & food processing waste
	Dry industrial waste (excluding materials containing asbestos)

Prohibited Waste Types

The following waste materials are specifically prohibited at this facility:

ID	WASTE TYPE
12	Dry sewage sludge
72	Bulk liquids and semi-liquids
73	Septic tank clean-out waste
74	Liquid sewage sludge
	Hazardous waste as defined at N.J.A.C. 7:26-1.4 and as set forth at 1, N.J.A.C. 7:26-8

3. Referenced Engineering Plans

The issuance of this permit is based on the conditions of the following Referenced Engineering Plans which are made conditions of this document:

- A. "N.J.D.E.P. Application Package for Transfer Station" prepared by Elson T. Villam Associates, Inc. scaled and signed by Albert J. Mellini, P.E. License No. 24779, with a cover letter dated March 31, 1987.
- B. The following drawings prepared by Elson T. Kili, ~m Associates, Inc., sealed and signed by Albert J. Yellini, P.E. N.J. License No. 24779, dated March 31, 1987:

Sheet I of 3
Site Plan

Sheet 2 of 3
Floor Plan

Sheet 3 of 3
Building Elevations

- C Map of a Portion of Lot 53, Block 580," prepared by Dominick J. Venditto, New Jersey Licensed Land Surveyor No. 116710, dated March 30, 1987.
- D. The traffic survey conducted on August 10, 1987 by Garmen Associates and signed by David Mendelson of Garmen Associates and transmitted to Robert J. Lynes of Killam Associates, Inc. on August 10, 1987.
- E. The letter signed by Robert J. Lyres P.E. of Fison T. Killam Associates, Inc. to Michael Winka, Bureau of Resource Recovery, NJDEP, dated August 11, 1987 and the attached construction schedule
- F. The following drawings prepared by Elson T. Killam Associates, Inc., sealed and signed by Albert J. Mellini, P.E., N.J. License No. 24779, with the latest revision as noted:
 - "Emergency Plan" dated September 1, 1987.
- G. The following drawings sealed and signed by Warren C. Stadden, P.E, N.J. License No. 7620, dated October 9, 1987:
 - Drawing No. I of 2
Plan
 - Drawing No. 2 of 2
Details
- H. The letter signed by Robert J. Lynes, P.E. of Elson T. Killam Associates, Inc. to Rick Glonek, Bureau of Resource Recovery Planning, DEP, dated October 14, 1987, describing the Interim operating Plan.
- I. The following drawings prepared by Elson T. Killam Associates, inc., sealed and signed by Albert J. Mellini, P.E., License No. 24779:
 - Conceptual Floor Plan, dated November 17, 1987.
 - Site Plan, dated November 13, 1987
 - Site Plan with Traffic Patterns, dated November 13, 1987.
- J. The letter signed by Robert J. Lynes, P.E. of Elson T. Killer Associates, Inc. to Mr. Rick Glonek, Bureau of Resource Recovery Planning, NJDTP, dated November 17, 1987, regarding the AMS Transfer Station Emergency Plan.

All subsequent Departmental approved designs shall supersede any previous drawings and designs.

Facility Pre-Construction Requirements

Prior to initiating any site work other than demolition and removal of debris, the Permittee shall:

- A. Obtain proof of compliance (or letter or non-applicability) with the requirements of the Environmental Cleanup Responsibility Act ("ECRA"), N.J.S.A. 13:1K-7 et seq. and forward it to the Department;
- B. Obtain necessary Permit(s) to construct from the Department of Community Affairs or its authorized agent as set forth in N.J.A.C. 5:23. Site work may begin before obtaining permits to perform other construction work. However, the Permittee must obtain the applicable permits from the Department of Community Affairs or its authorized agent prior to performing the work authorized by those permits. Five copies of the final designs and documentation of their approval shall be forwarded to the Department ;
- C. Obtain a Soil Erosion and Sediment Control Plan approval for the facility from the Somerset-Union County Soil Conservation District. A copy of this approval shall be forwarded to the Department prior to initiating any site work,
- D. Submit, and obtain the Department's approval of revised floor and site plans delineating the area, in which refuse may be deposited during both interim and permanent operations;
- E. Submit and obtain written Departmental approval of a construction schedule for both the interim and permanent facilities detailing critical tasks such as foundation work, concrete work, equipment and scale installation, site work, drainage work and acquisition of transportation equipment;
- F. Submit an operation and staging plan, for the operation of the interim facility, to the Department and obtain written approval and acceptance of same. This plan shall describe the on-site queuing of collection vehicles', address the staging of transfer trailers and include the location of the transfer trailer storage area and the equipment to be used to coordinate the staging of the transfer trailers. This plan shall include an estimate of the number of transfer trailers and tractors necessary to transport the waste out-of-state and documentation for that estimate; and
- G. Submit an application for a Treatment Works Approval if required under N.J.A.C. 7:14A-12 for the proposed holding tank and/or connection to the sanitary sewer in accordance with Permit Condition No. 20.

The above documents shall be sent to:

Mr. Rick Glonek, Project Manager New Jersey Department of Environmental Protection Division of Solid Waste Management 401 East State Street, CN 414 Trenton, New Jersey, 08625

5. Facility Construction Phase

During the facility construction phase, the Permittee shall implement the following procedures in order to minimize vehicle and equipment noise, dust generation and construction vehicle traffic impacts:

- A. Muffler systems shall be maintained on all heavy construction equipment ;
- B. Unnecessary idling of construction equipment shall be prohibited ;
- C. Only noise attenuated air compressors shall be utilized;
- D. Pneumatic tools shall be required to have discharge mufflers:
- E. Vehicles transporting loose or fine-aggregate materials shall be covered and loading and unloading operations shall be controlled to minimize dust generation;
- F. Vehicle speed on-site shall be controlled and on-site roadways shall be maintained to minimize dust generation;
- G. Open storage areas containing fine or unbound material shall be covered or watered to minimize dust generation ;
- H. The trucking or other means of transporting (dirt/dust onto paved public roads shall be controlled and the Permittee shall be responsible for prompt cleanup of any accumulation;
- I. All solid waste generated by demolition activities and by facility, construction shall be handled, stored and disposed of in accordance with the Department's rules and regulations, those of the local Board of Health and in conformity with the approved Union County District Solid Waste Management Plan. During construction - and construction, any soil that is visibly discolored or stained and any materials that appear to possess the potential contain hazardous constituents or wastes or possess hazardous characteristics shall be segregated, contained and covered until sampled; and
- J. The transfer station site shall be fenced to secure the area during operating and non-operating hours. Fencing shall be of chain link construction with dark brown slats or equal and barbed wire (3 strand on 1 foot supports at 45') around the site perimeter.

6. Facility Pre-Operation Requirements

Prior to initiating facility interim operations, the Permittee shall submit for the Department's review, the documents described below. Operation of this facility is expressly conditioned on the Department's approval and acceptance of same.

- A. The certification of a licensed professional engineer registered in the State of New Jersey stating that he/she has personally examined each major stage of facility construction and that the facility has been constructed in accordance with this permit and the documents, statements, designs and plans submitted pursuant to this permit;
- B. Submit an application for permit(s) - to construct, install or alter control apparatus or equipment and certificate(s) to operate control apparatus or equipment for the ventilation system as set forth at N.J.A.C. 7:27-8.2(a).

- C A report under, the signature and seal of a licensed professional engineer registered in the State of New Jersey that the discharge, if any, into a publicly-owned sewage treatment works will be consistent with local standards;
- D. A registration and/or permit application for any underground storage tank in place or to be installed at the facility as required by N.J.S.A. 58:10A-21;
- E. A detailed Operation and Maintenance (OVA) manual in accordance with Permit Condition No. 11.

The above documents shall be sent to:

Mr. Rick Glonek, Project Manager
New Jersey Department of Environmental Protection
Division of Solid Waste Management
401 East State Street, CN 414
Trenton, New Jersey 08625

7. Facility Start Up

The facility must be prepared to begin operations no later than January 2, 1988 in accordance with the following scheduling:

January 2, 1988	Minimum operating capacity of 8800 Tons Per Day (TPD)
January 15, 1988	Minimum operating capacity of 1200 Tons Per Day (TPD)

8. Facility Interim Operations

Interim operations shall begin at the transfer station on January 2, 1988. Interim operations, as contained in this permit, shall mean the operation located in the north-east corner of the site as shown or - the referenced engineering plans in Permit Condition Nos. 3I and 3J. The interim operating period will extend no later than May 1, 1988, at which time the permanent facility must be operational and operated in accordance with all conditions contained in this permit. The permanent facility, as contained in this permit, shall mean the transfer station building located on Block 580, Lot 53 as shown on the referenced engineering drawings described in Permit Condition Nos. 3A and 3B.

During interim operations the facility may be operated without complete enclosure of the tipping area. However, as a minimum, during the interim operating period, the following items must be constructed, in place and/or used for operation of the facility and to mitigate potential adverse impacts to the environment:

- A. Tipping Floors - "Concrete tipping floors shall be constructed and in-place at all waste unloading areas.
- B. Pushwalls - pushwalls shall be constructed and in-place at the perimeter of waste unloading areas as shown on the referenced engineering plans.

- C. Waste Processing Equipment - Two front end waders, one grapppler and one compactor must be available to process waste as described in the November 17, 1987 letter described in Permit Condition No 3I-3H?
- D. Pavement - Aggregate and bituminous paving shall be placed on areas to be used for truck traffic during interim operation as shown on the Referenced Engineering Plans. Paving shall be of adequate strength and thickness to support loading conditions.
- E. Truck Scales - Truck scales must be in-place and operable. Also, the permanent scale house or a temporary scale house (trailer) must be in place.
- F. Fencing - Fencing shall include a chain link fence at the site perimeter.
- G. Washdown Water Controls - Water controls shall include a plan and equipment to collect, contain and transport for treatment all washdown water from the tipping floors.
- H. Tarp or Covering - Tarp and/or other covering devices shall be on-site for emergency situations to cover all waste remaining on unenclosed tipping floors during emergency situations.

To the extent that construction and operation of the facility in accordance with this permit condition (No. F), will preclude complete compliance with Permit Conditions Nos. 3, 10, 23 and 24, complete compliance with those conditions will be waived during the interim operation period until May 1988. However, the Permittee must take steps to contain complete compliance with those permit conditions as soon as possible and must comply with all other conditions contained in this permit during interim operations.

9. Waste Acceptance and Processing Rates

This transfer station shall operate at an average weekly capacity not to exceed 1200 tons per day. At no time shall recyclables or wastes be accepted at the facility at a rate exceeding the facility's capacity to store and process same. Waste storage is allowed in only those areas specifically identified in the design for such purposes. Under no circumstances shall waste be placed beyond the area specifically identified for such purposes.

10. Waste Retention Time

No solid waste shall be allowed to remain at the facility for more than 24 hours. No solid waste shall remain on the tipping floor overnight. In the event that solid waste is kept at the facility overnight, it shall be processed and kept totally enclosed and secured transfer trailers and secured within the processing building with the air filtration system in operation. The air filtration system shall not exceed the nighttime noise limits set out at N.J.A.C. 7:29.

The overnight storage of processed solid waste in totally enclosed and secured transfer trailers will be permitted outside the processing building on a test basis for a period of 30 days. If during the test period there are odor problems associated with the trailers, the Permittee shall remedy the situation within 15 calendar days upon Departmental notice. If not corrected within the time limit, the Department may, upon written notice prohibit outside overnight storage of waste in transfer vehicles.

Operations and Maintenance Manual

A written operations and maintenance (O & M) manual shall be developed and maintained at the facility. The O & M manual shall be submitted for the Department's approval no later, than 10 days prior to initiating **the facility operations**.

The O & M manual shall include the following:

- A. A description of the procedures for the operation of each major facility component;
- B. A recycling plan that will conform with any terms of the Union County District Solid Waste Management Plan;
- C. A description of the measures to protect facility and other personnel injury during operation;
- D. A description of the measures to control noise, litter, odor, rodents and insects at the facility;
- E. A description of the measures to handle incoming waste flow during periods of emergencies or equipment breakdown or shutdown;
- F. A description of the equipment and procedures to be utilized in preventing and fighting fires;
- G. Procedures to be followed during the planned and unplanned shutdown of facility operations;
- H. Facility operation monitoring procedures, including waste handling process control procedures and instrumentation plans governing equipment such as scales;
- I. Facility security methods;
- J. An inspection plan which shall include a schedule for the Operator's inspection of all aspects of the facility operation necessary to ensure maximum facility availability and compliance with the conditions of this permit and the submissions and approvals Trade thereto. The frequency of inspection shall be based on the rate of potential equipment deterioration or malfunction and the probability of an adverse incident occurring if the deterioration or malfunction goes undetected. The inspection plan shall include a schedule for inspecting and monitoring safety and emergency equipment, security devices, process equipment and operating equipment. The plan shall identify the types of problems which are to be looked for during the inspection and the frequency of inspections;

- K. A maintenance plan which shall include failure analysis of the facility operation, an analysis of spare parts inventory schedules for anticipated repairs or major equipment dealers to supply standby or emergency equipment;
- L. A facility staffing plan which shall include the job title for each position at the facility and written job performance standards. The description shall include the requisite skills, education and other qualifications of employees assigned to each position;
- M. A training plan which includes the type and amount of both the initial and follow-up training to be provided to facility personnel;
- N. A safety plan which shall delineate the procedures to ensure that the facility is operated in compliance with the safety and health standards of the Federal Department of Labor, Occupational Safety and Health Administration pursuant to 29 CFR 1926 and 1910 Safety and Health Standards and Industrial Standards;

A contingency plan which delineates procedures for to emergencies such as fires. Copies of the contingency plan shall be submitted to the local police and fire departments. A. notification procedure shall be delineated in that plan whereby the local emergency management coordinator is provided a report of findings in the case of an emergency incident at the facility;

- P. The contingency plan shall contain a description of the action. facility personnel shall take in the event of various emergency situations, a description of arrangements (l with the Department are local police and fire departments which allow for immediate entry into the facility by their representatives should the need arise, and a list of names, addresses and telephone numbers (office and home) of all persons qualified to act as an emergency coordinator for the facility.

Any subsequent changes to be made to the approved O&M Manual by the Permittee shall not be implemented until approved by the Department.

A copy of the O&M manual shall be kept at the facility at all times.

12. Facility Staffing

The facility shall maintain sufficient staff to ensure the proper and orderly operation of all system components, along with the ability to handle all routine facility maintenance requirements.

A fully trained and qualified foreman or supervisor who is designated and authroized by the Permittee to direct and implement all operational decisions and who shall also serve as the designated emergency coordinator shall be present at the faicility during all operating hours.

The Permittee shall provide the Department with a list of key employees, including the foreman and/or supervisor and shall amend the list upon any change in the identity of key personnel.

13. Facility Personnel Training

Within 60 days of facility start-up, all personnel who are directly involved in facility waste management activities or who operate, service or monitor any facility equipment, machinery or system shall successfully complete an initial program of classroom or on-the-job training which includes instruction in the operations and maintenance of the equipment, machinery, and systems and which teaches them to perform their duties in a manner that ensures the facility's compliance with the requirements, of this permit.

The Permittee shall provide adequate numbers of qualified personnel to staff the transfer station and deal effectively and promptly with matters of operation, maintenance, environmental controls, records, emergencies and health and safety. Cross-training and development of standby arrangements shall be part of this effort.

Personnel assigned to operate the transfer station shall be adequately trained in subjects pertinent to station operation and maintenance, with emphasis on safety, health, environmental controls and emergency procedures.

14. Waste Delivery Schedule

Waste shall be accepted for processing at the facility only in accordance with the following schedule:

7:00 A.M. to 4:00 P.M. Monday Through Friday
7:00 A.M. to Noon on Saturday

Waste deliveries to the facility shall be scheduled in such manner as to minimize truck queuing on the facility property. Under no circumstances shall delivery trucks back up or queue on public roads.

The permittee shall refuse the use of the facility to collection vehicles loaded in excess of their allowable Gross Vehicle Weights (GVW). All transfer (haulage) vehicles utilizing the facility shall satisfy specific design limitations and be loaded and weighed before leaving the site, and operated in such a manner as to ensure compliance with N.J.S.A. 39:3-84.

It shall be the responsibility of the Permittee to ensure transfer of the solid waste to a licensed disposal facility.

15. Traffic Control

During the first 10 days of commercial operations, the Permittee shall conduct a traffic survey at the intersection of U.S. Rt. 1 and Avenue C for all hours of facility operations to ensure that the intersection operates at the current Level of Service (LOS) as documented in the survey listed in Permit Condition No. 3D. The Permittee shall notify, the Department's personnel, in writing, 14 days prior to the initiation of the traffic survey.

A detailed report outlining the survey methods and results obtained shall be submitted to the department within 36 days of the completion of the survey. If the additional traffic generated by the operation of the facility results in a degradation of the LOS, mitigative measures shall be developed and implemented immediately to alleviate any traffic related problems.

16. Unauthorized Waste

A program shall be established and maintained to detect and remove unauthorized waste from the waste stream entering the facility which, at a minimum, shall include the following:

- A. Continuous visual monitoring of the discharged waste shall be conducted by the facility personnel. Any suspected unacceptable waste shall be removed from the processing stream.
- B. Unauthorized material shall be segregated and stored in a secured manner and its discovery shall immediately be brought to the attention of the Division of Hazardous Waste Management's Hazardous Waste Enforcement Element at (609) 292-7172, and to the Union County Solid Waste Director at (201) 527-42154. After work hours and weekends or Holidays incidents shall immediately be reported to the N.J.D.E.P. Environmental Action Hot Line at (609) 292-7172.
- C. Any regulated hazardous waste as defined by N.J.A.C. 7:26-1.4 and as set forth at N.J.A.C. 7:26-8, or bulk liquids found in a load accepted at the facility shall not be returned to the generator or transporter. However, the generator or transporter shall retain liability for such hazardous wastes and bulk liquids and shall be responsible for proper transportation and disposal of those wastes pursuant to N.J.A.C. 7:26 et seq. If regulated hazardous waste or bulk liquids are deposited at the facility and the generator or transporter cannot be identified, the Permittee shall insure proper transportation and disposal of those wastes pursuant to N.J.A.C. 7:26 et seq.

17. Vehicle Registration

The Permittee shall allow only vehicles properly registered with the Department for transporting of waste to deliver and deposit waste at the facility.

In addition, all transfer vehicles shall be properly registered with the Department in accordance with N.J.A.C. 7:26-3.

The Permittee shall act to prevent the acceptance of any vehicle not equipped with properly operating muffler systems or those which create excessive noise or vehicle are in violation of N.J.A.C. 7:26-3.4, by notifying the vehicle owners of the potential violation and by reporting these vehicles to the appropriate local authorities for enforcement action.

18. On-Site Traffic Control

On-site traffic control measures shall be implemented to provide for orderly vehicle movement on the facility grounds.

Transfer or collection vehicles shall not be parked or queued on public streets or roads. Adequate off-street parking facilities for transfer

vehicles shall be provided. All areas subjected to truck traffic associated with the transfer station operations shall be paved with concrete or asphalt of adequate strength and thickness to support loading conditions.

The Permittee shall provide for continuous supervised unloading of refuse from incoming vehicles and shall post appropriate signs and other means to indicate clearly where incoming vehicles are to unload refuse as directed by the attendant or equipment operator on duty.

19. Housekeeping

Routine housekeeping and maintenance procedures shall be implemented to prevent the accumulation of dust and debris and to maintain general cleanliness in the working environment. All areas which have come in contact with solid waste shall be washed daily. In the event of freezing weather, the areas shall be cleaned by utilizing high pressure steam or other methods approved by the Department.

Facility exterior grounds shall be maintained in a manner free of litter and debris. All paved areas on-site shall be swept on a routine basis and the entrance/exit areas shall be policed regularly to prevent the accumulation of dirt and debris on the public roads.

All facility floor drains, sumps and catchment basins shall be maintained free of obstructions to facilitate effluent drainage.

Surface water runoff leaving the facility shall not contain solids, washwater or leachate emanating solid wastes.

There shall be provisions for the frequent washdown of the facility and sanitary disposal of washwater.

20. Collection of Wastewater and Storm-water

The concrete and asphalt tipping floors for both the interim and permanent facilities shall be graded to ensure proper directionalization and containment of wastewater. All wastewater resulting from the operation and washdown of this facility shall be directed to asphalt-lined, concrete holding tanks. During interim operations two tanks with a minimum combined capacity of 5000 gallons shall be in place. For the permanent facility a single tank, capable of holding 6000 gallons of wastewater shall be in place and be equipped with an audible alarm system to detect any overload. These holding tanks shall be pumped as necessary and wastewater properly transported to an approved treatment plant for disposal. If the wastewater is sent to a publicly-owned treatment works, the discharge shall consistent with local pretreatment standards.

Stormwater shall be properly controlled on-site and conveyed by the drainage system as shown on the Referenced Engineering Plans described in Permit Condition No. 3. A New Jersey, Pollutant Discharge Elimination System/Discharge to Surface Water (NJPDES/T,SW) permit application for discharges comprised entirely of stormwater associated with industrial activity shall be submitted by February 4, 1990, if such discharge occurs unless the Department requires an earlier application submittal based on a determination that the stormwater discharges contribute to a violation of a

water quality standard or are a significant contributor of pollution to state waters.

21. Health and Safety

The facility shall be operated in accordance with appropriate 29 CFR 1926 and 1910 Safety and Health Standards and industrial standards. Systems and equipment required for the facility shall include but not be limited to the following:

- A. Audible and visual warning systems for heavy equipment;
- B. Fire fighting suppression systems as required by the Department of Community Affairs;
- C. Emergency exits properly located;
- D. First aid equipment and supply center;
- E. Ready access to safety clothing, gas masks and a deluge shower and eye wash;
- F. Posting of phone numbers of local fire, police and emergency ambulance or paramedic departments in a visible manner near the operation phone/communications center.

22. Vector Control

The Permittee shall institute and maintain an effective vermin control program at the facility, directed by a qualified applicator of pesticides as set forth in the New Jersey pesticide Control Code N.J.A.C. 7:30.

23. Odor Control

The operation of the facility shall not result in odors associated with solid waste being detected off-site in any area of human use or occupancy. The tipping floor entrance and exit doors shall remain closed at all times other than the normal, scheduled refuse truck delivery hours. In the event the proposed ventilation system in the Engineering Plans is not effective in preventing odor associated with solid wastes, alternative measures shall be implemented which may include the installation of a more effective ventilation system and odor abatement systems to ensure compliance with N.J.A.C. 7:27-5 and 7:26-2:111e.

24. Noise Control

Noise control shall be implemented to ensure that sound levels generated by the facility operation, including vehicles shall not exceed the standards forth by the New Jersey Noise Control Regulations at N.J.A.C.7:29.

Access roads and truck entrances to the transfer station, where possible, should be oriented away from residential or commercial areas.

25. Maintenance and Repair

Through an effective inspection, planned maintenance, repair and parts replacement program, the facility systems and related appurtenances shall, at all times, be kept in proper operating order. As part of this program, the Permittee shall maintain an inventory of spare parts and replacement equipment, as well as having access to backup equipment to ensure continued operation of the facility during breakdowns and power failures.

26. Conformance with the Solid Waste Management Plan

This approval permits operation of the facility only insofar as the facility operates in compliance with the approved Union County District Solid Waste Management Plan and all other approved District Solid Waste Management Plans, and the waste flow requirements specified by N.J.A.C. 7:26-6.1 et seq

27. Record Keeping

- A. A, daily record of waste received shall be maintained on forms supplied by the Department (or duplication of same) and shall be kept for a period of five (5) years. These forms shall be made available for inspection by representatives of the Department at any time during normal working hours.
- B. The information required to be recorded in the daily record shall be supplied by the collector/hauler to the facility operator on a waste origin/waste disposal (O & D) form (or duplication of same). G 6 1) forms shall be kept by the Permittee for a minimum of two (2) years and shall be made available for inspection by representatives of the Department upon request.
- C. Monthly summaries of wastes received shall be submitted by the Permittee to the Division of Solid Waste Management, on forms provided by the Department (or duplication of same), no later than 20 days after the last day of each month. The summaries shall include the following information:
 - 1. The weight of solid waste delivered to the facility for each waste type permitted by this permit;
 - 2. The number of collection vehicles delivering waste to the facility;
 - 3. The volume and tonnage of waste flow from each municipality;
 - 4. The volume and tonnage of recyclables recovered;
 - 5. The volume and tonnage of waste removed for disposal and the facility receiving the waste;
 - 6. The number of vehicles removing waste for disposal or recyclable for reuse from the facility; and
 - 7. The number of trucks and identification. of each truck, truck owner and operator not in compliance with Permit Condition No. 14.

The information provided on the daily records, O & D forms and monthly summary shall denote compliance with Permit Condition No. 26 and N.J.A.C. 7: 26 -2.13.

28. Right of Entry

The Permittee hereby agrees and authorizes Departmental personnel or its designated representatives to make inspections, searches and examinations of the facility whenever these representatives, ' in their discretion, consider such an inspection, search or examination necessary to determine the extent of compliance with any and all conditions of this permit. Any refusal to allow entry to the Department's representatives shall constitute grounds for suspension or revocation of this permit or other enforcement actions. Furthermore, the Permittee hereby agrees, consents and authorizes the representatives' of the Department to present a copy of this permit to any Municipal or State Police Officer having jurisdiction over the Permittee's premises in order to have said officer effectuate compliance with this right of entry to the Department inspectors. A copy of all submission s pursuant to this permit shall be kept at the facility at all times.

29. Power Failure or Equipment Breakdown

In the event of a power or equipment failure, the waste may be stored on the tipping floor in an enclosed building and the hours of operation of the Facility will be extended for that day to accommodate the waste processing. Also, the waste delivery schedules may be revised and restricted to the reduced waste processing capacity of the facility. The Facility will continue to use its open-top trailers to haul waste to the landfill.

30. Reporting Requirements

A. Construction

During construction of the facility, the Permittee shall submit written progress reports to the Department every two weeks commencing two weeks after issuance of this permit. At a minimum, these reports shall include the following:

1. Percent of construction complete and an updated construction schedule including expected completion date ;
2. A summary of the previous two weeks permitting and construction activities;
3. Any unusual or unanticipated events that occurred involving construction and/or permitting of the project; and,

4. A summary of all transportation equipment acquired in the previous two weeks and a schedule to obtain the additional equipment required to transport the waste to out-of-district disposal facilities. This summary should include lists of all transfer trailers and tractors previously delivered and available to

Automated Modular Systems, Inc. and documents indicating that Automated Modular Systems, Inc. has ordered and will acquire the additional necessary equipment prior to January 1, 198C.

B. Operation

The Permittee shall submit weekly progress reports to the Department after commencing waste processing operations. These reports shall be received by the Department no later than then Wednesday of the following week. The Permittee shall continue to submit these reports until the Department informs the Permittee that they are no longer required. At a minimum these reports shall include the following:

1. Daily waste quantities (in tons) processed at the facility. Tonnage figures should be provided for each waste type received at the facility ;
2. Any operating problems that occurred and steps taken to resolve these problems;
3. The name and location of the permitted disposal area (or areas) to which the waste is being transported and amount of waste from this facility that was received at the disposal areas on a daily basis. The Permittee shall submit copies of permits to the Department for all waste disposal areas in which the waste is being disposed.

31. A-901 Review

As of the date of issuance of this master performance permit, the Department has not received an investigative report from the Attorney General pursuant to L. 1983, c. 1192, N.J.S.A. 13:E-126 et seq. (A-901). Accordingly, to the extent that this permit authorizes operation pursuant N.J.S.A. 13:1E-1 et seq., such authorization shall expire one year from the date of issuance without right of renewal. If, however, during said period of one year, the Department determines on the basis of the investigative report of the Attorney General, that no ground for disqualification exists, then the one year limitation in this paragraph shall be void and said authorization shall be deemed valid until the expiration date on the first page of this permit. In the event of the issuance of an order of the Department pursuant to N.J.A.C. 7:26-1.6.5(c) to cease operation during the one year period because of disqualification under L. 1983, c. 392. the Permittee may apply to the Department for authorization to operate pursuant to L. 1983, c. 392, § 10, N.J.S.A. 13:1E-135. If the Department determines that the Permittee has severed the interest of or affiliation with the person(s) who would otherwise cause disqualification, and that the persons remaining or substituted therefore would not cause a disqualification of the Permittee, the Department will authorize continued operation of the facility according to the terms of this permit.

If authorization to continue operations is not granted because of a failure to meet the statutory criteria, the Permittee agrees by the acceptance of this permit that it will cease operations. Any actions taken by the Department pursuant to this paragraph shall not constitute a waiver of its rights under Permit Condition No. 32. Moreover, expiration of authorization under this paragraph shall not affect the operation of this master performance permit to the extent it implements powers of the Department under statutes other than N.J.S.A. 13:IE-1 et seq.

32. Modification and Revocation

This permit is subject to modification or revocation by the Department consistent with the Administrative Procedure Act. Upon notice of modification or. revocation, the Permittee shall be entitled to an administrative hearing conducted as a contested case pursuant to N.J.A.C 1:1-1.1 et seq.

ACCEPTANCE OF PERMIT

The Permittee hereby accepts this permit in its entirety and agrees to abide by its terms and conditions. Upon acceptance of this permit, the previous Master Performance Permit, issued to Automated Modular Systems, Inc. by the Department on August 25, 1987 and accepted by James C. Maddaluna, Jr. on August 26, 1987, shall be void. I am a representative of the Permittee and I am authorized to accept the permit on its behalf.

SIGNATURE:

NAME:

TITLE:

DATE: